

SEQUENCE PROTOCOL

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<170> PatentIn Ver. 2.1

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ccactaaaca gcttcaatca attcgggtgtc cactccaaca tgtaga gtg gtg cgc 235

Met Val Arg

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gtt aaa aaa gtt ttc cta att ttc att ttc tta aaa gga gct cgc cag 283

Val Lys Lys Val Phe Leu Ile Phe Ile Phe Leu Lys Gly Ala Arg Gln

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gac atg gca cag gtt atg gac ttc aag gtt gcc gat ctt tca cta gca 331

Asp Met Ala Gln Val Met Asp Phe Lys Val Ala Asp Leu Ser Leu Ala

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gag gca gga cgt cac cag att cgt ctt gca gag tat gag atg cca ggt 379

Glu Ala Gly Arg His Gln Ile Arg Leu Ala Glu Tyr Glu Met Pro Gly

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ctc atg cag ttg cgc aag gaa ttc gca gac gag cag cct ttg aag ggc 427

Leu Met Gln Leu Arg Lys Glu Phe Ala Asp Glu Gln Pro Leu Lys Gly

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gcc cga att gct ggt tct atc cac atg acg gtc cag acc gcc gtg ctt 475

Ala Arg Ile Ala Gly Ser Ile His Met Thr Val Gln Thr Ala Val Leu

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80

att gag acc ctc act gct ttg ggc gct gag gtt cgt tgg gct tcc tgc 523

Ile Glu Thr Leu Thr Ala Leu Gly Ala Glu Val Arg Trp Ala Ser Cys

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90

95

60

aac att ttc tcc acc cag gat gag gct gca gcg gct atc gtt gtc ggc 571

Asn 100 ile Phe Ser Thr Gln Asp Glu Ala Ala Ala Ala Ile Val Val Gly 115
 105 110
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 Ser Gly Thr Val Glu Glu Pro Ala Gly Val Pro Val Phe Ala Trp Lys
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 10 ggt gag tca ctg gag gag tac tgg tgg tgc atc aac cag atc ttc agc 667
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 Thr Met Ala Val Ile Arg Gly Arg Glu Tyr Glu Gln Ala Gly Leu Val
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See
 al
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	Ala Thr Gly Asn Lys Asp Ile Ile Ser Phe Glu Gln Met Leu Lys Met	
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	Lys Asp His Ala Leu Leu Gly Asn Ile Gly His Phe Asp Asn Glu Ile	
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	Val Leu Ser Glu Gly Arg Leu Leu Asn Leu Gly Asn Ala Thr Gly His	
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25	cca tca ttt gtc atg tcc aac tct ttc gcc gat cag acc att gcg cag	1531
	Pro Ser Phe Val Met Ser Asn Ser Phe Ala Asp Gln Thr Ile Ala Gln	
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	Leu Pro Lys Val Leu Asp Glu Lys Val Ala Arg Ile His Val Glu Ala	
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5 Ser Leu Ala Glu Ala Gly Arg His Gln Ile Arg Leu Ala Glu Tyr Glu
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Met Pro Gly Leu Met Gln Leu Arg Lys Glu Phe Ala Asp Glu Gln Pro
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10 Leu Lys Gly Ala Arg Ile Ala Gly Ser Ile His Met Thr Val Gln Thr
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Ala Val Leu Ile Glu Thr Leu Thr Ala Leu Gly Ala Glu Val Arg Trp
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15 Ala Ser Cys Asn Ile Phe Ser Thr Gln Asp Glu Ala Ala Ala Ala Ile
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20 Val Val Gly Ser Gly Thr Val Glu Glu Pro Ala Gly Val Pro Val Phe
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Ala Trp Lys Gly Glu Ser Leu Glu Glu Tyr Trp Trp Cys Ile Asn Gln
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25 Ile Phe Ser Trp Gly Asp Glu Leu Pro Asn Met Ile Leu Asp Asp Gly
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Gly Asp Ala Thr Met Ala Val Ile Arg Gly Arg Glu Tyr Glu Gln Ala
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30 Gly Leu Val Pro Pro Ala Glu Ala Asn Asp Ser Asp Glu Tyr Ile Ala
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35 Phe Leu Gly Met Leu Arg Glu Val Leu Ala Ala Glu Pro Gly Lys Trp
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Gly Lys Ile Ala Glu Ala Val Lys Gly Val Thr Glu Glu Thr Thr Thr
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40 Gly Val His Arg Leu Tyr His Phe Ala Glu Glu Gly Val Leu Pro Phe
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45 Pro Ala Met Asn Val Asn Asp Ala Val Thr Lys Ser Lys Phe Asp Asn
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50 Asp Met Leu Met Gly Gly Lys Asn Val Leu Val Cys Gly Tyr Gly Asp
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55 Lys Val Thr Glu Ala Asp Pro Ile Asn Ala Leu Gln Ala Leu Met Asp
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60 Gly Tyr Ser Val Val Thr Val Asp Glu Ala Ile Glu Asp Ala Asp Ile
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Val Ile Thr Ala Thr Gly Asn Lys Asp Ile Ile Ser Phe Glu Gln Met
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 385 390 395 400
 Ser Ile Ile Val Leu Ser Glu Gly Arg Leu Leu Asn Leu Gly Asn Ala
 405 410 415
 15 Thr Gly His Pro Ser Phe Val Met Ser Asn Ser Phe Ala Asp Gln Thr
 420 425 430
 20 Ile Ala Gln Ile Glu Leu Phe Gln Asn Glu Gly Gln Tyr Glu Asn Glu
 435 440 445
 Val Tyr Arg Leu Pro Lys Val Leu Asp Glu Lys Val Ala Arg Ile His
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